

**WEST**

Generate Collection

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L3: Entry 21 of 157

File: USPT

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DOCUMENT-IDENTIFIER: US 6557079 B1

TITLE: Remote data facility prefetch

Brief Summary Text (21):

The present invention therefore provides a data storage system which reads from a remote backup data storage system as part of a predictive prefetch operation. This type of prefetch mechanism significantly improves controller read performance by allowing multiple parallel prefetch streams to serve one data request. It also provides for dynamic tuning of data streams and reduced loading of back-end interfaces by using "free" data link bandwidth.